Docket No.: 7003/42 JAN-3 1 2008 Please type a plus sign (+) inside this box. FORM PTO/S 208 Application Number Substitute for form 1449A/PTO Complete if Known 10/541,633 INFORMATION DISCLOSURE 06/30/2006 STATEMENT BY APPLICANT First Named Inventor Oliver Planz et al. Group Art Unit 1614 (use as many sheets as necessary) Confirmation No. 3490 Leonard M. Williams **Examiner Name** Sheet of 4 Attorney Docket Number 7003/42

Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or	Issue Date
		Number	Class/Subclass	Applicant of Cited Document	MM-DD-YYYY

Examiner	Cite No. 1	U.S.	Patent Applications	Name of Patentee or Applicant	Date of Publication of Cited
Initials*		Number	Class/Subclass	of Cited Document	Document MM-DD-YYYY
		<u> </u>			

Examiner			Foreign Patent Document			Name of Patentee or Applicant	Date of Publication of	T
Initials*		Office ³	Number		Class/ Subclass	of Cited Document	Cited Document MM- DD-YYYY	
	<u> </u>				-			

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1.	A.W. Kuss et al., "A1 expression is stimulated by CD40 in B cells and rescues WEHI 231 cells from anti-IgM-induced cell death," <i>Eur. J. Immunol.</i> , Vol. 29, (1999) pgs. 3077-3088.	
	2.	D.T. Dudley et al., "A Synthetic inhibitor of the mitogen-activated protein kinase cascade", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, August 1995, Pgs. 7686-7689.	
	3.	A. Denk et al., "Activation of NF-κB via the IκB Kinase Complex Is Both Essential and Sufficient for Proinflammatory Gene Expression in Primary Endothelial Cells", <i>The Journal of Biological Chemistry</i> ", Vol. 276, No. 30, July 27, 2001, Pgs. 28451-28458.	
	4.	R.T.C. Huang Ph.D. et al., "Anti-Influenza Viral Activity of Aspirin in Cell Culture", ©1998 by the Massachusetts Medical Society printed in the U.S.A; Reprinted in The New England Journal of Medicine, Vol. 319: No. 797, September 22, 1988.	
	5.	K.A. Higgins et al., "Antisense inhibition of the p65 subunit of NF-κB blocks tumorigenicity and causes tumor regression", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, November 1993, Pgs. 9901-9905.	
_	6.	E.Y. Moon et al., "Benzylamide Sulindac Analogues Induce Changes in Cell Shape, Loss of Microtubules and G ₂ -M Arrest in a Chronic Lymphocytic Leukemia (CLL) Cell Line and Apoptosis in Primary CLL Cells ¹ ", Cancer Research, Vol. 62, October 15, 2002, Pgs. 5711-5719.	

Examiner	Date	
Signature	Considered	
EVANUED 12112 4		^

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant. Unique citation designation number. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English Language Translation is attached.

Docket No.: 7003/42

Substitute 1	for form 1449A	/РТО			Complete if Known	
				Application Number	10/541,633	
		ISCLOSURE		Filing Date	06/30/2006	
(use as many sheets as necessary)				First Named Inventor	Oliver Planz et al.	
				Group Art Unit	1614	
				Confirmation No.	3490	
				Examiner Name	Leonard M. Williams	
Sheet	2	of	4	Attorney Docket Number	7003/42	

Examiner	Cite No. 1	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
nitials*		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
_	7.	J.K. Lin et al., "Cancer Chemoprevention by Tea Polyphenols through Mitotic Signal Transduction Blockade", Biochemical Pharmacology, Vol. 58, (1999), Pgs. 911-915.	
	8.	R. Deshpande et al., "Estradiol Down-Regulates LPS-Induced Cytokine Production and NFkB Activation in Murine Macrophages, American Journal of Reproductive Immunology, ©1997 Munksgaard, Printed in the United States of America, Vol. 38, Pgs. 46-54.	
	9.	L.V. Gubareva et al., "Evidence for Zanamivir Resistance in an Immunocompromised Child Infected with Influenza B Virus", <i>The Journal of Infectious Diseases</i> , Vol. 178, (1998), Pgs. 1257-62.	
	10.	C. Scholtissek et al., "Failure to obtain drug-resistant variants of influenza virus after treatment with inhibiting doses of 3-deazaadenosine and H7", Archives of Virology, Vol. 119, (1991), Pgs. 111-118.	
	11.	F. Grignani et al., "High-Efficiency Gene Transfer and Selection of Human Hematopoietic Progenitor Cell with a Hybrid EBV/Retroviral Vector Expressing the Green Fluorescense Protein", Cancer Research, Vol. 58, January 1, 1998, Pgs. 14-19.	
	12.	M.F. Favata et al., "Identification of a Novel Inhibitor of Mitogen-activated Protein Kinase Kinase", <i>The Journal of Biological Chemistry</i> , Vol. 273, No. 29, July 17, 1998, Pgs. 18623-18632.	
	13.	X. Wang et al., "Influenza A Virus NS1 Protein Prevents Activation of NF-kB and Induction of Alpha/Beta Interferon", Journal of Virology, Vol. 74, No. 24, December 2000, Pgs. 11566-11573.	
	14.	S. Ludwig et al., "Influenza Virus-induced AP-1-dependent Gene Expression Requires Activation of the JNK Signaling Pathway", <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 14, Issue of April 6, 2001, Pgs. 10990-10998.	-
	15.	S. Pleschka et al., "Influenza virus propagation is impaired by inhibition of the Raf/MEK/ERK signalling cascade", <i>Nature Cell Biology</i> , Vol. 3, March 2001, Brief Communications: Pgs. 301-305; Supplementary Information: Pgs. 1-2.	
	16.	S. M. Plummer et al., "Inhibition of cyclo-oxygenase 2 expression in colon cells by the chemopreventive agent curcumin involves inhibition of NF-kB activation via the NIK/IKK signalling complex", Oncogene, Vol. 18, (1999), Pgs. 6013-6020.	
	17.	W.M. Chu et al., "JNK2 and IKKβ Are Required for Activating the Innate Response to Viral Infection", <i>Immunity</i> , Vol. 11, December 1999, Pgs. 721-731.	

Date	
	7
	- (
Signature	- 1
EXAMINER: Initial if reference considered whether or not citation is in conformance with MDED 500. Down the state of the s	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant. Unique citation designation number. The English Language Translation is attached.

String of the English Language Translation is attached.

Docket No.: 7003/42

Substitute	e for form 144	I9A/PTO			Complete if Known	
INFORMATION DISCLOSURE				Application Number	10/541,633	
				Filing Date	06/30/2006	
STATEMENT BY APPLICANT			TV	First Named Inventor	Oliver Planz et al.	
				Group Art Unit	1614	
(use as many sheets as necessary)				Confirmation No.	3490	
				Examiner Name	Leonard M. Williams	
Sheet	3	of	4	Attorney Docket Number	7003/42	

Examiner	Cite No.	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Initials*		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	18.	U. K. Misra et al., "Ligation of the α ₂ M* Signaling Receptor Regulates Synthesis of Cytosolic Phospholipase A ₂ , "Archives of Biochemistry and Biophysics, Vol. 386, No. 2, February 15, 2001, Pgs. 227-232.	
	19	O. Planz et al., "MEK-Specific Inhibitor U0126 Blocks Spread of Borna Disease Virus in Cultured Cells", Journal of Virology, Vol. 75, No. 10, May 2001, Pgs. 4871-4877.	
	20.	M.J. Robinson et al., "Mitogen-activated protein kinase pathways", Current Opinion in Cell Biology", Vol. 9, (1997), Pgs. 180-186.	
	21.	M. Zenichi, M.D., et al, "Molecular Mechanisms Involved in NSAID-induced Gastropathy", Journal of Clinical Gastroenterology, Vol. 27, Supplement 1, (1998), Pgs. S87-S90.	
	22.	J. Piette et al., "Multiple Redox Regulation in NF-kB Transcription Factor Activation", Biol. Chem., Vol. 378, November 1997, Pgs. 1237-1245.	<u> </u>
	23.	M. Karin et al., "NF-κB In Cancer: From Innocent Bystander to Major Culprit", <i>Nature Reviews</i> , Vol. 2, April 2002, Pgs. 301-310.	·
	24.	G. Liu et al., "NS-398 and Piroxicam Suppress UVB-induced Ap-1 Activity by Mechanism Independent of Cyclooxygenase-2", <i>The American Society for Biochemistry and Molecular Biology, Inc.</i> , November 13, 2002, Pgs. 1-22 and 9pgs. drawings.	
	25.	A. Jones, "Over-the-counter Analgesics: A Toxicologic Perspective", American Journal of Therapeutics, Vol. 9, (2002), Pgs. 245-257.	
	26.	D.R. Alessi et al., "PD 098059 Is a Specific Inhibitor of the Activation of Mitogen-activated Protein Kinase Kinase in Vitro and in Vivo", The Journal of Biological Chemistry, Vol. 270, No. 46, Issue of November 17, 1995, Pgs. 27489-27494.	
	27.	S. Hattori et al., "Pentamethyl-Hydroxychromane, Vitamin E Derivative, Inhibits induction of Nitric Oxide Synthase By Bacterial Lipopolysaccharide", <i>Biochemistry and Molecular Biology International</i> , Vol. 35, No. 1, January 1995, Pgs. 177-183.	
	28.	J. Adams, "Proteasome inhibition: a novel approach to cancer therapy", Trends in Molecular Medicine, Vol. 8, No. 4 (Suppl.), (2002). Pgs. S49-S54.	
	29.	C. Tan et al., "Proteasome Inhibitor PS-341, a Potential Therapeutic Agent for Adult T-Cell Leukemia", Cancer Research, Vol. 62, February 15, 2002, Pgs. 1083-1086.	

F :			
Examiner		Data	T
C:		Date	
Signature		Considered	
FYAMINER: Initio	if reference appointment which are and their in the control of the	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant. Unique citation designation number. The Indication of the year of the reign of the Emperor must precede the serial number of the patent document. WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nich of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Docket No.: 7003/42

Substitute	for form 14	149A/PTO			Complete if Known	
				Application Number	10/541,633	
INFORMATION DISCLOSURE				Filing Date	06/30/2006	
STATEMENT BY APPLICANT			NT	First Named Inventor	Oliver Planz et al.	
(use as many sheets as necessary)				Group Art Unit	1614	
				Confirmation No.	3490	
				Examiner Name	Leonard M. Williams	
Sheet	4	of	4	Attorney Docket Number	7003/42	

Examiner	Cite No. 1	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine,	
Initials*		journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T,
	30.	R. Treisman, "Regulation of transcription by MAP kinase cascades", Current Opinion in Cell Biology, Vol. 8 (1996), Pgs. 205-215.	
	31.	P.D. Zamore et al., "RNAi: Double-Stranded RNA Directs the ATP-Dependent Cleavage of mRNA at 21 to 23 Nucleotide Intervals", <i>Cell</i> , Vol. 101, March 31, 2000, Pgs. 25-33.	
	32.	M.J. May et al., "Selective Inhibition of NF-κB Activation by a Peptide That Blocks the Interaction of NEMO with the IκB Kinase Complex", Science, Vol. 289, September 1, 2000, Pgs. 1550-1554.	
	33.	K.S. Berman et al., "Sulindac Enhances Tumor Necrosis Factor-α-mediated Apoptosis of Lung Cancer Cell Lines by Inhibition of Nuclear Factor-κΒ", Clinical Cancer Research, Vol. 8, February 2002, Pgs. 354-360.	···
	34.	Y. Yamamoto et al., "Sulindac Inhibits Activation of the NF-kB Pathway", <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 38, September 17, 1999, Pgs. 27307-27314.	
	35.	C. K. Weber et al., "Suppression of NF-κB Activity by Sulfasalazine Is Mediated by Direct Inhibition of IκB Kinases α and β", Gastroenterology, Vol. 119, (2000), Pgs. 1209-1218.	
	36.	T. Tuschl et al., "Targeted mRNA degradation by double-stranded RNA in vitro", downloaded from www.genesdev.org on April 13, 2007.	
	37.	M.J. Yin et al., "The anti-inflammatory agents aspirin and salicylate inhibit the activity of IκB kinase-β", Nature, Vol. 396, November 5, 1998, Pgs. 77-80.	
-	38.	P. Cohen, "The search for physiological substrates of MAP and SAP kinases in mammalian cells", trends in CELL BIOLOGY, Vol. 7, September 1997, Pgs. 353-361.	

n .			
Examiner		Date	
C:		2410	
Signature		Considered	
VALAINICO, 1-141-1-14	design and the second s	Combidered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant. Unique citation designation number. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.